

METHOD AND APPARATUS FOR PROCESSING TRANSACTIONS IN A DATA PROCESSING SYSTEM

ABSTRACT

A data processing system which includes memory, a processor connected to the memory, and logic for causing the processor to perform a method for executing computer code having a plurality of transactions within the computer code. The method includes steps for examining the computer code being executed for a change in observable state; for storing data for the executed computer code that are part of the plurality of transactions within the computer code; for maintaining a pointer to the logical beginning of the stored data and maintaining a pointer to the end of the stored data for the last transaction within the computer code to be fully executed; and responsive to detecting a change in observable state, for committing a portion of the stored data.